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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet	1	of	2
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**Complete if Known**

Application Number	09/423018
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<b>Filing Date</b>	10/12/2000
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First Named Inventor	Gotwals, Philip
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Group Art Unit	1635
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Examiner Name

Attorney Docket |

Attorney Docket Number	A018 US
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## U.S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

[illegible]

Examiner  
Signature

Date

Considered

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Sheet 2 of 2

**Compl t if Kn wn**

<b>Application Number</b>	09/423018
<b>Filing Date</b>	10/12/2000
<b>First Named Inventor</b>	Gotwals, Phi
<b>Group Art Unit</b>	1635
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	A018 US

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

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<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				Docket Number (Optional) <b>A018 US</b>		Application Number <b>109/423,018</b>	
				Applicant(s) <b>Philip Gotwals et al.</b>			
				Filing Date <b>October 12, 2000</b>		Group Art Unit <b>4635</b>	

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>g</i> <div style="border-left: 1px solid black; height: 100px; margin: 0 auto; width: 20px;"></div>	AA	5,399,346	3/21/95	Anderson et al.			3/30/94
	AB	3,773,919	11/20/73	Boswell et al.			10/8/70
	AC	5,925,351	7/20/99	Browning et al.			7/21/95
	AD	4,797,368	1/10/89	Carter et al.			3/15/85
	AE	4,874,702	10/17/89	Fiers et al.			10/20/86
	AF	4,588,585	5/13/86	Mark et al.			9/28/84
	AG	4,683,195	7/28/87	Mullis et al.			7/7/86
	AH	5,693,607	12/2/97	Segarini et al.			12/22/94

FOREIGN PATENT DOCUMENTS								
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	BB	WO 96/22788	8/1/96					
	BC	WO 89/10404	11/2/89					
	BD	WO 89/01036	2/9/89					
	BE	WO 88/06630	9/7/88					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
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<div style="border-left: 1px solid black; height: 100px; margin: 0 auto; width: 20px;"></div>	CB Ali et al., 1994, Gene Therapy, 1:367-384, "The Use of DNA Viruses As Vectors For Gene Therapy"

EXAMINER <i>g</i>	DATE CONSIDERED <i>7/24/02</i>
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**A018**

09/423,018

Philip Gotwals et al.


**October 12, 2000**

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Publication Number 09/423,018	
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SUBCLASS	FILING DATE INAPPROPRIATE

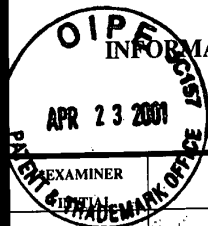
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	BG	WO 86/05807	10/9/86					

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


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Docket Number (Optional) <b>A018</b>	Application Number <b>09/423,918</b>
Applicant(s) <b>Philip Gotwals et al.</b>	
Filing Date <b>October 12, 2000</b>	Group Art Unit <b>16354</b>

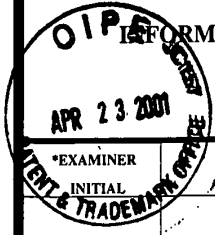
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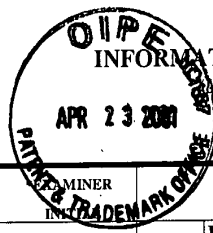
EXAMINER	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
CC	Allen et al., 1990, J. of Exp. Med., 171:231-247, "Rapid Onset Synovial Inflammation and Hyperplasia....."
CD	Bandyopadhyay et al., 1984, Mol. and Cell. Biol., 4:4:749-754, "Expression of Complete Chicken Thymidine Kinase Gene..."
CE	Berkner et al., 1992, Current Topics in Microbiol., 158:38-66, "Expression of Heterologous Sequences in Adenoviral Vectors"
CF	Bitter et al., 1984, Proc. Natl Acad. Sci., 81:5330-5334, "Secretion of foreign proteins from <i>Saccharomyces cerevisiae</i> ..."
CG	Border et al., 1990, Nature, 346:371-373, "Suppression of experimental glomerulonephritis by antiserum against transforming..."
CH	Boyce et al., 1996, Proc. Natl Acad. Sci., 93:2348-2352, "Baculovirus-mediated gene transfer into mammalian cells"
CI	Brandes et al., 1991, J. of Clinical Investigation, 87:1108-1113, "Transforming Growth Factor Beta1 Suppresses Acute and Chronic Arthritis in Experimental Animals"
CJ	W. French Anderson, 1992, Science, 256:808-813, "Human Gene Therapy"
CK	Canney, et al., 1990, British J. of Radiology, 63:620-623, "Transforming growth factor beta: a promoter of late connective tissue injury..."
CL	Carter, et al., 1990, Proc. Natl Acad Sci., 87:9373-9377, "Site-specific cleavage of RNA by Fe(II)bleomycin"
CM	Cepko, Constance, 1995, Current Protocols in Mol. Biology, 36:9.10-9.14, "Preparation of a Specific Retrovirus Producer Cell Line"
CN	Chou, et al., 1987, J. of Biological Chem., 262:4:1842-1847, "Human Insulin Receptors Mutated at the ATP-binding Site..."

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 <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)		Docket Number (Optional) <b>A018</b>	Application Number <b>09/423,018</b>
		Applicant(s) <b>Philip Gotwals et al.</b>	
		Filing Date <b>October 12, 2000</b>	Group A Unit <b>1635</b>
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)			
CO	Clemente, et al., 1994, Molecular Endocrinology, 8:8:1006-1020, "Cloning, Expression, and Alternative Splicing of the Receptor for Anti-Mullerian Hormone"		
CP	Connor et al., 1989, J. Clin. Invest., 83:1661-1666, "Correlation of Fibrosis and Transforming Growth Factor -B ..."		
CQ	Cunningham et al., 1989, Science, 244:1081-1085, "High-Resolution Epitope Mapping of hGH-Receptor..."		
CR	Curtis et al., 1989, Proc. Natl Sci., 86:3045-3049, "T-cell interleukin 1 receptor cDNA expressed in Chinese hamster..."		
CS	Deguchi, Y., 1992, Annals of Rheumatic Diseases, 51:362-365, "Spontaneous increase of transforming growth factor Beta..."		
CT	Dennis et al., 1982, Nature, 300:274-276, "Surface sialic acid reduces attachment of metastatic tumour cells to collagen type IV and fibronectin"		
CU	Giri et al., 1997, Biochemical Pharma., 54:1205-1216, "Antifibrotic Effect of Decorin in a Bleomycin Hamster Model of Lung Fibrosis"		
CV	Gluzman, Yakov, 1981, Cell, 23:175-182, SV40-Transformed Simian Cells Support the Replication of early SV40 Mutants"		
CW	Gossen et al., 1995, Science, 268:1766-1769, "Transcriptional Activation by Tetracyclines in Mammalian Cells"		
CX	Gross et al., 1961, J. Amer. Chem. Soc., 83:1510-1511, "Selective Cleavage Of The Methionyl Peptide..."		
CY	Hess et al., 1968, J. Adv. Enzyme Reg., 7:149-167, "Cooperation of Glycolytic Enzymes"		
CZ	Hinnen et al., 1978, Proc. Natl Acad. Sci., 75:4:1929-1933, "Transformation of Yeast"		
EXAMINER		DATE CONSIDERED	
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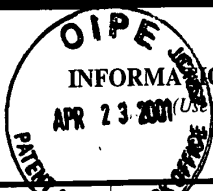
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Applicant(s) <b>Philip Gotwals et al</b>	
Filing Date <b>October 12, 2000</b>	Group Art Unit <b>1638</b>

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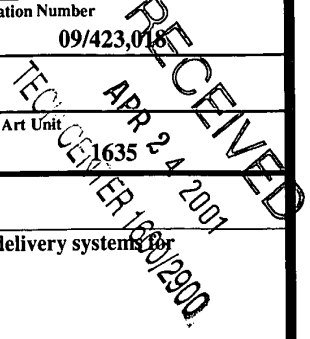
EXAMINER		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	CCA	Hitzeman et al., 1980, J. of Biological Chem. 255:24:12073-12080, "Isolation and Characterization of the Yeast 3-Phosphoglycerokinase Gene..."
	CCB	Hofmann et al., 1995, Proc. Natl. Acad. Sci., 92:10099-10103, "Efficient gene transfer into human hepatocytes by baculovirus vectors"
	CCC	Holland et al., 1978, Amer. Chem. Society, 17:23:4900-4907, "Isolation and Identification of Yeast Messenger Ribonucleic Acids Coding For Enolase..."
	CCD	Hopp et al., 1988, Biotechnology, 6:1204-1210, "A Short Polypeptide Marker Sequence Useful for Recombinant Protein Identification and Purification"
	CCE	Idzerda et al., 1990, J. Exp. Med., 171:861-873, "Human Interleukin 4 Receptor Confers Biological Responsiveness And Defines a Novel Receptor Superfamily"
	CCF	Itakura et al., 1981, Recombinant DNA, Proceedings of the 3rd Cleveland Symposium, 273-289, "Chemical Synthesis and Application of Oligonucleotides of Mixed Sequence"
	CCG	Janusz et al., 1997, Inflamm. res., 46:503-508, "Inhibition of cartilage degradation in rat collagen-induced arthritis but not adjuvant arthritis..."
	CCH	Karas et al., 1991, Clin. Card., 14:791-801, "Restenosis Following Coronary Angioplasty"
	CCI	Kekow et al., 1990, Proc. Natl. Acad. Sci., 87:8321-8325, "Transforming growth factor beta and noncytopathic mechanisms of immunodeficiency..."
	CCJ	Kim et al., 1990, Molecular and Cellular Biol., 10:4:1492-1497, "Autoinduction of Transforming Growth Factor Beta1..."
	CCK	Koch et al., 1998, Clin. Immun. and Immunopath., 86:2:199-208, "Effects of Thrombospondin-1 on Disease Course and Angiogenesis in Rat Adjuvant-induced Arthritis"
	CCL	Kratz et al., 1996, J. Exp. Méd., 183:1461-1472, "Chronic Inflammation Caused by Lymphotoxin Is Lymphoid Neogenesis"

EXAMINER 	DATE CONSIDERED <b>7/29/02</b>
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Docket Number (Optional) <b>A018</b>	Application Number <b>09/423,016</b>
Applicant(s) <b>Philip Gotwals et al.</b>	
Filing Date <b>October 12, 2000</b>	Group Art Unit <b>1635</b>



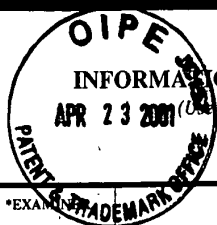
*EXAMINER INITIAL		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
m	CCM	Langer et al., 1981, J. of Bio. Materials Research, 15:267-277, "Biocompatibility of polymeric delivery systems for macromolecules"
	CCN	Leung et al., 1989, J. of Methods in Cell and Molec. Biol., 1:1:11-15, "A Method for Random Mutagenesis Of A Defined DNA Segment Using A Modified Polymerase Chain Reaction"
	CCO	Lin et al., 1992, Cell, 68:775-785, "Expression Cloning of the TGF-Beta Type II Receptor..."
	CCP	Lindley, H., 1956, Nature, 178:4534:647-648, "A New Synthetic Substrate for Trypsin and its Application to the Determination of the Amino-Acid Sequence of Proteins"
	CCQ	Luckow et al., 1988, Biotechnology, 6:47-55, "Trends in the Development of Baculovirus Expression Vectors"
	CCR	Madzak et al., 1992, J. of General Virology, 73: 1533-1536, "Efficient <i>in vivo</i> encapsidation of a shuttle vector into pseudo-simian virus 40 virions using a shuttle virus as helper"
	CCS	Margolskee, 1992, Current Topics in Microbiology and Immunology, 158:67-95, "Epstein-Barr Virus Based Expression Vectors"
	CCT	Mark et al., 1984, Proc. Natl. Acad. Sci., 81:5662-5666, "Site-specific mutagenesis of the human fibroblast interferon gene"
	CCU	Mauer et al., 1984, J. Clin. Invest., 74:1143-1155, "Structural-Functional Relationships in Diabetic Nephropathy"
	CCV	Merrifield, R.B., 1967, Recent Progress in Hormone Research, 23:451-482, "New Approaches to the Chemical Synthesis of Peptides"
FA	CCW	Miller, A.D., 192, Nature, 357:455-460, "Human gene therapy comes of age"
	CCX	Miller A.D., 1992, Current Topics in Microbiology and Immunol., 158:1-24, "Retroviral Vectors"

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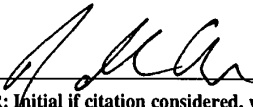
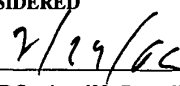
Docket Number (Optional)	Application Number
A018	09/423,018
Applicant(s) Philip Gotwals, et al.	
Filing Date	Group Art Unit
October 12, 2000	1635

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
*EXAMINER INITIAL	
CCY	Miller et al., 1993, J. Exp. Med., 178:211-222, "Specific Interaction of Lymphocyte Function-associated Antigen 3 with CD2 Can Inhibit T Cell Responses"
CCZ	B. Moss, 1992, Curr. Topics in Microbiology and Immunology, 158:24-38, "Poxvirus Expression Vectors"
DA	N. Muzyczka, 1992, Curr. Topics in Microbiology and Immunology, 158:97-128, "Use of Adeno-Associated Virus as a General Transduction Vector for Mammalian Cells"
DB	Myers et al., 1985, Science, 229:242-247, "A General Method for Saturation Mutagenesis of Cloned DNA Fragments"
DC	Myers et al., 1997, Life Sciences, 61:19:1861-1878, "Collagen-Induced Arthritis, An Animal Model of Autoimmunity"
DD	Neumann et al., 1996, J. Exp. Med., 184:259-264, "Defective Peyer's Patch Organogenesis in Mice Lacking the 55-kD Receptor for Tumor Necrosis Factor"
DE	No et al., 1996, Proc. Natl Acad Sci., 93:3346-3351, "Ecdysone-inducible gene expression in mammalian cells and transgenic mice"
DF	Ohno et al., 1992, J. Clin. Invest., 89:1662-1668, "Eosinophils in Chronically Inflamed Human Upper Airway Tissues Express Transforming Growth Factor Beta 1 Gene (TGFBeta1)"
DG	Prywes et al., 1986, EMBO Journal, 5:9:2179-2190, "Mutations in the cytoplasmic domain of EGF receptor affect EGF binding and receptor internalization"
DH	Raij et al., 1984, Kidney International, 26:137-143, "Mesangial immune injury, hypertension, and progressive glomerular damage in Dahl rats"
DI	Rivera et al., 1996, Nature Medicine, 2:9:1028-1032, "A humanized system for pharmacologic control of gene expression"
DJ	Russell et al., 1983, J. of Biol. Chem., 258:4:2674-2682, "Nucleotide Sequence of the Yeast Alcohol Dehydrogenase II Gene"

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
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		Starcher et al. 1978, Amer. Review of Respir. Disease, 117:299-305, "Increased Elastin and Collagen Content in the Lungs of Hamsters Receiving an Intratracheal Injection of Bleomycin"			
		Strauss et al., 1993, Current Protocols, 24:6.3.1-6.3.6, "Hybridization with Radioactive Probes"			
		Studier et al., 1990, Methods in Enzymology, 185:60-89, "Use of T7 RNA Polymerase to Direct Expression of Cloned Genes"			
		Urdal et al., 1984, J. of Chromatography, 296:171-179, "Lymphokine Purification By Reversed-Phase High-Performance Liquid Chromatography"			
		Wahl et al., 1989, Cellular Immunol. Sec., Lab of Immunol., 258-261, "Inflammatory and immunomodulatory roles of TGF-Beta"			
		Wang et al., 1997, Nature Biotech., 15:239-243, "Ligand-inducible and liver-specific target gene expression in transgenic mice"			
		Wells et al., 1985, Gene, 34:315-323, "Cassette mutagenesis: an efficient method for generation of mutiple mutations at defined sites"			
		Woessner, J. F. Jr., 1961, Archives of Biochemistry and Biophysics, 93:440-447, "The Determination of Hydroxyproline in Tissue and Protein Samples Containing Small Proportions of this Imino Acid"			
		Witschi, Hanspeter, 1975, Essays Toxicol., 6:125-191, "Exploitable Biochemical Approaches for the Evaluation of Toxic Lung Damage"			
		Border et al., 1992, Kidney International, 41:566-570, "Antagonists of transforming growth factor-beta: A novel approach to treatment of glomerulonephritis and prevention of glomerulosclerosis"			
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